

2021

Bridger Teton National Forest Annual Fire Report



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Introduction

The 2021 Bridger Teton wildland fire season concluded with 36 fire starts. In 2021 there were 7 human-caused fires, 29 lightning caused fires for a total of 349.19 acres compared to the 10 year average which is 21, 850.78. Teton fire personnel with assistance from neighbors claimed over 2,900 acres during prescribed burning operations in 2021.

The first fire of the Bridger Teton National Forest season was discovered April 11th and the last fire reported was September 17th, both occurred on the Pinedale Ranger District.

Shale Creek

Wyoming Type 3 Team 2 with Steffens as IC managed the Shale Creek fire located in the southern portion of the Kemmerer Ranger District. This fire in mixed conifer was detected on July 16th, due to difficult access, aviation resources were heavily used to suppress the fire and to transport firefighters to and from the fire.

Soda Lake

Nevada Type 3 Team with Bates as IC managed the 39.4 acre Soda Lake fire on the Big Piney District. This lightning caused fire began on July 27th, due to the quick response of resources the fire was declared out on August 17th.

Teton Interagency Dispatch Center (TIDC) dispatched 47 wildland fires, totaling 338 acres, during the 2021 fire season. The Bridger Teton NF had 36 fires; Grand Teton National Park had 6 fires; the National Elk Refuge had 1 fire; Wyoming State Forestry Division had 0 fires; and Teton County had 3 fires.

Bridger Teton National Forest 40-Year Fire History

	HCF	HCA	LCF	LCA	Total Fires	Total Acres
40yr Average	25	7919.63	35	7805.47	61	15725.84
30yr Average	23	6580.18	37	5274.36	60	11854.54
20yr Average	19	9246.99	35	5794.14	54	15041.14
10yr Average	17	13990.78	23	5900.18	40	21850.78
5yr Average	17	11977.61	16	6242.11	33	18219.73
2021	7	3.70	29	288.89	36	292.59

Acreage and Number of Fires by District

District	Human Fires	Human Acres	Lightning Fires	Lightning Acres
D1 Kemmerer	0	0.00	5	192.25
D2 Big Piney	1	0.10	2	60.40
D3 Greys River	0	0.00	2	0.30
D4 Jackson	1	0.10	10	30.00

D6 Buffalo	1	0.10	4	2.80
D7 Pinedale	4	3.40	6	3.14
Total	7	3.70	29	288.89
Total BTF Fires/Acres Fires 36 Acres 292.59				

2021 North Zone Fuels Accomplishments

Implementation

Mechanical

Contract thin, prune, pile work continued within the Teton to Snake project area adjacent to the Bonneville Power Administration powerline on Phillips Ridge, Singing Trees Subdivision and Red Top Meadows. For the first time in recent history, 3 roads on the zone were masticated with a contract. Force account work occurred within Turpin Meadows permitted ski trails area and Hidden Hills subdivision.

Prescribed Fire

Successful spring burning on 3 Teton to Snake units, completing Trails End Unit, and Dry Quad aspen restoration. A fall entry at Grouse Mountain was also completed. The calendar ended with a very productive fall pile burning season, catching up on a year backlog of piles from mechanical work.

Broadcast Burning

Teton to Snake Taylor Mountain	187 acres	Jackson District	Blacklining along private boundary of unit and interior pockets to reduce fire behavior on future entries. Helitorch and hand ignitions.
Teton to Snake Trails End	375 acres	Jackson District	Second and final entry on unit. Helitorch and hand ignitions.
Teton to Snake Mosquito Creek North	196 acres	Jackson District	Mostly burning along east flank slashing and interior along east flank, creating blacklines for future entries. Helitorch and hand ignitions.
Central Buffalo Valley Dry Quad	100 acres	Blackrock District	Burned slashing from 2019 within aspen stand. Hand ignitions. Completed unit.
Grouse Mtn Whitebark	265 acres	Blackrock District	Whitebark Pine Daylight Study area.
Total	1,123 acres		

Pile Burning

Blackrock Admin Site	4 acres	Blackrock District	Pine beetle clean up, snags and dead and down
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Teton to Snake Phillips Bench Unit 7	145 acres	Jackson District	Pile burning from contracted thinning.
Wilderness Ranches	1 acre	Blackrock District	Pile from defensible space work around subdivision.
Teton to Snake Phillips Bench Unit 1	64 acres	Jackson District	Pile burning from contracted thinning.
Teton to Snake Phillips Bench Unit 2	58 acres	Jackson Dispatch	Pile burning from contracted thinning.
Teton to Snake Phillips Bench Unit 3	8 acres	Jackson District	Pile burning from contracted thinning.
Teton to Snake Phillips Bench Unit 4	6 acres	Jackson District	Pile burning from contracted thinning.
Teton to Snake Phillips Bench Unit 6	90 acres	Jackson District	Pile burning from contracted thinning, mostly completed. Plan to try to complete in spring of 2022.
Bryan Flats Guard Station	3 acres	Jackson District	Piles from thinning around Guard Station.
Gros Ventre Road Fence	10 acres	Jackson District	Piles near Goosewing Guard station created by fence removal.
Totals	389 acres		

Mechanical Thinning

Teton to Snake Phillips Bench Unit 5	42 acres	Jackson District	Contract thin, prune hand pile along trail corridor.
Teton to Snake Singing Trees Unit 4	41 acres	Jackson District	Contract thin, prune, hand pile
Teton to Snake Red Top Unit 5	55 acres	Jackson District	Contract thin, prune, hand pile

4 Mile Road mastication	30 acres	Blackrock District	20-25' either side roadside vegetation maintenance
Mosquito Creek Road	51 acres	Jackson District	20-25' either side roadside vegetation maintenance
Shadow Mountain Road	61 acres	Jackson District	20-25' either side roadside vegetation maintenance
Total	280 acres		

Planning

Planning efforts continued in conjunction with the BTNF Wildlife shop for a prescribed fire project within the Upper Gros Ventre area. We are still waiting on consultation with Fish and Wildlife Service regarding lynx. Planning work has continued for project development within the Shadow Mountain/Lost Creek Ranch area.

Ten year veg planning in place for zone in FACTS tabular and spatial.

2021 West Zone Accomplishments

Implementation

The West Zone was able to accomplish several different projects this year despite abnormally dry conditions both in the spring and fall burning seasons. Approximately 300 acres of broadcast burning was completed and 40 acres of piles were burned.

9 acres of piles were burned at the Star Valley Ranch project in the Lost Creek drainage in November. Piles were ignited and allowed to consume and extinguish naturally with help from surrounding snow conditions.

1 large pile was burned in the Grover Park area by Engine 631.

5 acres of piles were burned near the Kelly Guard Station. These piles were constructed during the Pole Creek incident. Additional burning of these piles will continue in 2022.

25 acres of timber slash piles were burned in November. These were large machine piles. The piles smoldered for several days afterwards and were extinguished by December snows.

Additional mechanical thinning was completed in the Nugent Park Rx burn area to add to the work that was completed in 2020.

The Bug Creek Rx was completed in April by West Zone and East Zone resources. There was approximately 300 acres of grass/sage that was burned. The burn was completed using existing snow conditions for holding features and minimal mop-up and patrolling was needed to control the ignited areas.

The Strawberry Unit of the Star Valley Front project was scheduled to be burned in September, however because of extremely dry conditions burning of the unit was postponed.

The Nugent Park Unit of the Ham's Fork project was scheduled to be burned in May, however because of abnormally dry conditions this burn was postponed as well.

Pile Burning

Unit	Acres	Description	Resources	Accomplished
Grover Park	1	Misc piles	E-431	November
Star Valley Ranch	9	Burned piles in Lost Creek - allowed to extinguish naturally.	West Zone Resources	November
Kelly Guard Station	5	Burned small piles near Kelly Guard Station - allowed to extinguish naturally.	West Zone Fire Resources, West Zone Staff, BLM HDD	November
Timber Piles - Big Park	25	Timber sales slash piles - 17 total - allowed to extinguish naturally.	West Zone Fire Resources, West Zone Staff, BLM HDD	November

Broadcast

Unit	Acres	Description	Resources	Accomplished
Bug Creek	300	Sage and Grass - Broadcast	West Zone Fire Resources, West Zone Staff, BLM HDD	April

Aerial spraying of cheat grass was accomplished on 400 acres along the Greys River road for Rangeland Restoration, trying to move toward desired fuels conditions.

Thinning was started on a small scale by Engine 631 on the Greys River Small Aspen Treatment Project. Additional thinning will be completed in FY 2022.

Planning

Instead of a 5yr veg plan we are completing a 10yr veg plan.

For 2022 the West Zone will be planning on completing burning in Nugent Park (67 acres), Basin Creek (27 acres), Strawberry Unit (2,554 acres), the La Barge Little Hornet Unit (707 acres), and the La Barge Packsaddle Unit (477 acres). Contract thinning is planned for 2 additional units in the Ham's Fork project area. Thinning and chipping is planned for Allred Flat campground and will be completed by the zone engine crews. Potential Operational Delineations (PODs) meeting and early identification of potential holding features was accomplished in December. New project proposals and NEPA planning of roadside treatments along with Salt Canyon

Vegetation Treatments. NEPA planning is ongoing in the Greys River corridor habitat treatment project and is expected to be completed this fiscal year.

2021 East Zone Accomplishments

East Zone accomplished approximately 3550 acres of prescribed burn, mechanical thinning, and piling in 2021. Most of these acres were accomplished by contractors on the Big Piney District falling standing trees in preparation for prescribed burning. Contractors also hand thinned and piled roughly 150 acres across both Big Piney and Pinedale Districts. Fire crews also implemented 300 acres of hand thin pile in conifer encroached sage steppe and utilized equipment to remove wood and relocate in areas that will be suitable for public firewood cutters. Roughly 700 cords of wood were removed in blow down areas into these publicly accessible areas.

Approximately 550 acres were prescribed burned in 2022 as well. This included a WUI broadcast burn (South Fort Rx) near White Pine Ski Area and several acres and locations of pile burning across the zone.

Below is a table illustrating the acres accomplished in 2022:

Name	Location	Acres	Objectives
Pile Burning (Several Units)	East Zone	150	WUI Fuels Reduction
Broadcast Burn/South Fort Rx	Pinedale District Skyline WUI	400	WUI Fuels Reduction
Monument Ridge Slash	Big Piney Monument Ridge	3000	Aspen Restoration/WUI
Blow Down Removal	Pinedale District	800 cords	Restoration/WUI

Planning

Some planning was completed for the up-and-coming Big Sandy WUI project. NFMA along with landscape analysis was completed in this area.

Aviation Branch / Helitack Summary

The Aviation Branch of Teton Interagency Fire contains a combination of resources from Bridger Teton National Forest (BTF) and Grand Teton National Park (GRTE). The program consists of an Interagency Aviation Officer that provides oversight and quality assurance. Teton Helitack manages 2 exclusive use type 3 helicopters and provides support for other missions as requested. Teton Helitack is funded for 24 employees. The Jenny Lake Rangers of GRTE are an ancillary aircraft user group providing rescue services to the Park and Teton County.

Aircraft Project Work:

1. GRTE ACETA, wolf capture/tagging.
2. GRTE Elk Survey
3. GRTE Trails crew logistical support to North Cascade Canyon remote camp.
4. GRTE Trails crew, Phelps Bridge.
5. GRTE Surprise weather station installation/demob.

6. BTNF Powwow web camera maintenance.
7. BTNF Various web cam and RAWS transport for wildfire and prescribed fire projects.

Training:

1. Taught S-271, CRM-7 Skills, USFS Short Haul Academy, PLDO training, A-219
2. Completed PTBs: TFLD, ICT4, HMGB, FIRB, FFT1, ICT5, HECM

Teton Helitack had an extremely busy season filling aviation positions across the country beginning in South Carolina in February and at one point had people and aircraft supporting fires in 5 states. In addition to our 2-primary aircraft, we managed a 57-day Rx contract helicopter in South Carolina and a CWN type 3 helicopter for BTNF.

	35HX	38HX	854H	6HE	Grand Total
Contract Type	EU	EU	Rx – R-8	CWN	
Days on Contract	140	140	57	89	426
IA Response	30	5	1	16	52
Extended Attack	8	5	1	7	21
Rx Burns/acres	2/250	0/0	23/26780	0/0	25/27030
SAR Hours	56.1	0	0	0	56.1
Total Flight Hours	227	189.7	65.2	119	600.9
Passengers Transported	923	490	154	311	1878
Gallons Water	92592	26198	0	51495	170285
Pounds of Cargo	131129	55114	18274	75793	280310
NPS Short Haul	10	0	NA	0	10
FS Short Haul	0	0	NA	0	0
Total Contract Cost	813,930.19	881,749.26		840,474.44	2,536,153.89

Fire Prevention, Education, and Information

Priorities and Focus of Zone Fire Prevention Programs

The priorities and focus of the Forest's fire prevention program are:

1. Prevent unwanted human caused wildfires thru education, engineering, and enforcement
2. Coordinate with communities adjacent to public lands in approaches and practices in supporting Fire Adaptive Communities and Fire Resilient Landscapes
3. Assist fire management through IQCS support, website maintenance, and fire/all-risk incidents as qualified

Fire Restrictions

The Forest did enact Stage 1 Fire Restrictions on July 1st since both indices and heavy use thresholds were met. All three counties also went into restrictions shortly after the Forest,

as did the High Desert District BLM. Restrictions were lifted on the Forest August 26.

Fire Detection, Education, & Prevention Patrols

The Forest used the support code to order out of area resources and pay militia overtime to bolster forest patrols and public contacts. North Zone management detailed 3 prevention patrollers with wet rigs to support efforts throughout the zone. Zone support also included 6 volunteer ambassadors who helped to educate the public and detect unattended campfires throughout the areas adjacent to the National Park. Support in public contacts and putting out campfires continues to be a great investment for the zone. The West Zone ordered a single resource with FPO and FFT1 qualifications for the Greys River and Kemmerer Ranger District patrols (14 days). The East Zone utilized a combination of engine crews and militia for additional evening and weekend Forest patrols, other resources were not ordered.

Total campfires detected within the Teton fire management area totaled 210 and 46 of these were found during fire restrictions.

Budget

The Prevention/Education budget for FY21 was \$7,500. The program also received \$25,000 in severity dollars (due to restrictions and high use) which was used to purchase radio PSAs in local and surrounding communities, newspaper ads, hunter education materials, Unicom prevention and restriction sign posters, and miscellaneous materials in support of prevention efforts.

Fire Adapted Communities

During the 2021 season, The Star Valley High School Future Farmers of America, participating Alpine subdivision homeowners, Rusty's Tree Service, Kearsley's Nursery, and Lincoln County have all been valuable partners in AAWPC's efforts to create a FireWise community. Alpine Area Wildfire Protection Coalition (AAWPC) has successfully developed a neighborhood Ambassador program within 3 homeowner associations, provided trainings, an annual Wildfire Preparedness Day, two chipper days, the development of educational material for suitable FireWise plants and the Ready, Set, Go program. The group also took part in Wildland Urban Interface (WUI) Wednesday Fuels Field trips to help evaluate local subdivisions defensibility and ease of evacuation in case of a wildfire.

The Teton Area Wildfire Protection Coalition has completed the final Teton County homeowner surveys in partnership with the [Wildfire Research \(WiRe\) group](#). The group uses a systematic collection of parcel level wildfire risk and social data to understand wildfire risk within a community. Results from gathered data have been completed and the WiRe team will return in 2022 to present the findings and help build a communication plan on fire safety for the county.

The community of Hidden Hills has been awarded and identified as a Firewise Community through the NFPA with the support of the BTNF.

Incident Information

Public information needs were handled by public affairs, with on the ground support from the prevention staff. News releases, social media, newspaper ads, and widespread radio PSAs were used to create awareness of current fire danger, fire restrictions, hunter warning fires and prevention measures. Prevention staff also posted information to and provided web support for the Teton Interagency Fire website.

Outreach Education Programs

Due to Covid-19, all school and community outreach programs and activities were limited to mission critical only. A Risk Management Analysis (RMA) was required for each event with line officer approval.

Following CDC guidelines, job hazard analysis and line officer discretion, the West Zone was able to provide Smokey Bear to three local 4th of the July parades. Also, participated in two days of Library Storytime and two Kindergarten Elementary school programs educating fire prevention and fire safety.

The Blackrock field Camp with students from Wind River tribal lands was canceled for a second year. North zone fire staff hosted two volunteer projects in partnership with Friends of the BTNF. A total of 45 individuals helped to clean up existing rock campfire rings and install 40 new metal campfire rings in areas of high visitor use with habitual unattended campfire violations. The zone also attended two parades and hosted 8 campfire talks on campfire safety and fire ecology in forest campgrounds.

A new opportunity this last year included a weekly presentation for teachers visiting throughout the country, taking the Project Wild course through the American Wilderness Leader School in Granite Creek. This fire management discussion was shared with 168 individuals and very well received.



Teton Wildland Fire Module

The Teton Wildland Fire Module (WFM) provides an innovative, safe, highly mobile, logistically independent, and versatile team with a commitment to achieving diverse fire and fuels management objectives. The primary mission of the module is to provide a skilled, efficient workforce to accomplish the full range of wildland fire management tasks including prescribed fire preparation and implementation, managing fire for resource benefit, mechanical fuels reduction, hazard tree removal, and wildland fire suppression.

Despite ongoing challenges of a second fire season during the COVID-19 pandemic, Teton WFM continued to maintain a very high level of productivity, esprit de corps, and a safe track record. The module responded to local initial attacks and aided national fire response, but the most notable contributions were to prescribed fire and fuels targets, helping fill key roles to implement treatments totaling 10,019 acres.

Recertification as a Type 1 WFM was completed June 1, with eight module members returning to crew from the previous season. While much of the permanent WFM workforce was staffed for the core spring and fall burn seasons (April 11 through November 6), the module was fully staffed with temporary seasonals from April 26th to October 9th and played an important role in accomplishing a wide range of local and national objectives in fuels and fire management. Many of the crew opted to work additional pay periods beyond their tours into October and November to aid in a large, prescribed fire and fuels workload.

The module also supported interagency operations by providing detail assignments for BTNF employees, GRTE Fire Effects Crew, Salmon Heli-Rappelers and Redmond Smokejumpers, as well as sending out an apprentice detail to Bridgeport Helitack and another crewmember to fill for Lewis and Clark IHC. Additionally, module leadership planned and wrote a comprehensive prescribed burn plan for the FWS National Elk Refuge, leading to the reentry of prescribed fire on the refuge. Furthermore, advanced medical training by four module members, contributed to positive outcomes on and off the fire line when assisting adjoining resources.

Wildland Fire Module - Fuels and Prescribed Fire Workload - 2021

Hosting Agency	Fuels Unit	Fuel Type (Forest/Brush/Grass)	Days Assigned	Acres	Treatment Type	Positions Held
WY-BTF-NZ	Turpin Meadows	Timber	3	NA	Mechanical	CRWB, FAL1/2/3
WY-BTF-NZ	Trails End RX	Grass, Brush	5	377	Rx fire	FIRB, FIRB(t), FAL1/2/3
WY-BTF-NZ	Mosquito Creek Rx	Timber, Brush	6	196	Rx fire	FAL1/2/3 FEMO
WY-BTF-NZ	Taylor Mtn Rx	Grass, Brush	4	187	Rx fire	FIRB, FIRB(t) FAL1/2/3
WY-BTF-EZ	South Fort RX	Slash	10	380	Rx fire	DIVS(t), FIRB, FEMO, FAL1/2/3
WY-BTF-NZ	Dry Quad RX	Slash, Timber,	5	75	Rx fire	FIRB, FIRB(t), ICT4, FAL1/2/3
WY-HDD	Burdick RX	Slash	3	13	Rx fire, prep	CRWB, FAL1/2/3
WY-GTP	Sky Ranch	Timber	10	21	Mechanical	FAL1/2/3
WY-GTP	GRTE Hazard trees Hwy 191	Timber	3	NA	Hazard Trees	FAL1/2/3
WY-BTF-NZ	Buffalo Valley Campgrounds	Timber	2	NA	Hazard Trees	FAL1/2/3
WY-BTF-WZ	Nugent Park	Timber/Slash	2	20	Mechanical/slash	FAL1/2/3
WY-BTF-NZ	Grouse Mountain RX	Timber	10	265	Rx fire	RXB2, CRWB, FAL 1/2/3
WY-BTF-NZ	North Zone Piles	Timber	10*	310*	Rx Fire-Piles	RXB3
SC-FMF	Rx Fire support	Timber, Brush	35*	8,175*	Rx fire	FIRB, HECM, FEMO, FAL1

Acreage reflects size of the unit and/or cumulative acres completed with adjoining resources. Positions held on module assignments all include FFT1, FFT2, and EMTF.

* Completed partially or completely outside of core PSE season (April 11 – October 23th) with reduced staffing.

Wildland Fire Module - Fire Workload - 2021

Agency	Fire Name (Number)	Fuel Type	Days Assigned	Size Class	Positions Held	State
AZ-COF	Support (03)	NA	3	NA	CRWB, TFLD	AZ
AZ-COF	Backbone (642)	Brush, Grass, Timber	14	G	CRWB, FAL1/2/3	AZ
WY-BTF	Poker Hollow (2112)	Timber	3	B	ICT4, FAL2, HECM	WY
WY-BTF	Estella (2117)	Timber	2	B	FAL2, HECM	WY
WY-BTF	Shale Creek (2109)	Timber, Brush	14	D	CRWB, ICT4, HECM, FAL1/2/3	WY
ID-NCF	Dixie (448)	Timber	17	G	TFLD, DIVS(t), CRWB, FAL1/2/3	ID
MI-IRP	Horne (1)	Timber	26	E	CRWB, ICT5	MI

Wildland Fire Module - 2021 Focus Areas

Category	Percent Time Calculated	Notes
Prescribed fire implementation and preparation	30	Up 13% from five-year average, helped implement 9,978 acres of broadcast burning for fuels reduction and habitat restoration.
Non-fire fuels projects	12	Down 8% from five-year average. Significant contributions on 5 mechanical fuels projects treating 41 acres in addition to hazardous trees mitigation projects.
Wildfire Assignments	42	Consistent with previous seasons (up 5% from five-year average)
Severity/Support Assignments	1	Down 13% from 2020 season (no five-year average available)
Data collection and entry	0	NA
Training	10	Consistent
Miscellaneous	5	Details, leave, cache/office work, PT, etc.

Representative values are a percentage of base funding hours during the core PSE season (April 11 – October 23rd)

Teton Interagency Fire Ecology Program

Teton Interagency Fire Ecology Program - 2021

The Teton Interagency Fire Ecology program supports fuels management with monitoring data, provides fuels planning support, fire season outlooks, research coordination, decision support,

and fire ecology education for both the Bridger-Teton National Forest and Grand Teton National Park. Ecology program staff are all red-carded wildland firefighters, responding to unplanned fires and conducting prescribed burns.

In 2021, the program staffing included Fire Ecologist Diane Abendroth, Fire Monitor Ron Steffens, Lead Fire Effects Monitor Paul Hood, Assistant Lead Krista Reicis, and seasonal fire effects crew members Olivia Burke and Aidan Cornelison. Our NPS Academy intern was Emily Johnson.

Fire Effects monitoring work included 40 projects on the BTNF and Grand Teton NP this year. This included recent and legacy prescribed fire and mechanical thinning treatments. See Table 1 for specifics. Findings from 2020's monitoring work were presented to the BTNF via virtual meetings in the spring.

Table 1. Fire Effects Plot Workload (2021) and Total Plots Installed

Park/ Forest	Monitoring Unit	Plot Type	Pre-burn/ MX 2020	Immed. Post 2020	Postburn (1-20 yrs) 2020	Annual Total (2020)	Total Plots
Grand Teton National Park	Shadow Mountain RX	Shrub Intercepts Photopoints			30 4	30 4	34
	Teton Science School	Shrub Intercepts Photopoints			60 3	60 3	63
	Flagg Ranch Berry Fire	Photopoints			3	3	3
	Jenny Lake Campground	Photopoints			9	9	9
	Colter Bay Ridge Top	Stand Exams Photopoint	10 4			10 4	14
	South Landing RX/MX	Stand Exams Photopoints	10 4			10 4	14
	Pacific Creek MX	Photopoints			6	6	6
	Eynon Ridge RX	Aspens Circles Photopoints			30 11	30 11	41
	Phelps Moraine RX	Stand Exams Photopoints			2 3	2 3	5
	Bearpaw Bay Fire	Photopoints			5	5	5
	Lost Creek RX	Photopoint			4	4	4
	Seligman MX	Photopoints			4	4	4
North Zone Bridger-Teton NF	Grouse Mountain	Stand Exams Photopoints	12 13			12 13	25
	Dry Quad	Photopoints		4		4	4
	Flagstaff Fire 2016	Photopoints			2	2	2
	Turpin Summer Homes	Photopoints		4		4	4
	Trails End RX	Photopoints		3		3	3
	Taylor Mountain PF-30	Photopoints		5		5	5
	Mosquito Creek RX	Photopoints		1		1	1
	Powerline MX T-10	Photopoints	3			3	3
	South Fall Creek RX	Weeds Transect Photopoints			1 7	1 7	8
	Singing Trees MX T-25	Stand Exams Photopoints	10 4			10 4	14
	Munger Mountain RX	Sage Intercepts Photopoints	90 9			90 9	99
	Upper Palmer RX	Aspen Circles Photopoints			60 3	60 3	63
	Upper Gros Ventre RX	Aspen Circles Photopoints Weed Comp & Cover	60 10 1			60 10 1	71
	Red Rock Fire	Photopoints			14	14	14
	Bull Fire	Photopoints			15	15	15
	Green Knoll Fire	Photopoints			16	16	16

West Zone Bridger-Teton NF	Bug Creek RX	Photopoints		4			
	Packsaddle	Comp & Cover Photopoints Weed plots	5 10 5			5 10 5	20
East Zone Bridger-Teton NF	Half Moon RX	Macroplots Photopoints			2 2	2 2	4
	Wood Draw	Aspen Circles Photopoints			30 2	30 2	32
	South Fortification (3 units)	Photopoints		16		16	16
	West Fortification	Aspen Circles Photopoints			30 5	30 5	35
	Sylvan Bay Summer Homes	Stand Exams Photopoints		10 2		10 2	12
	SCWP Cheatgrass Mon.	LPI Transects			10	10	10
	Cottonwood II Unit 4	Photopoints			2	2	2
	Monument Ridge Sage RX	Shrub Intercepts Photopoints			30 7	30 7	37
	Monument 2021 Slash	Aspen Circles Photopoints	30 7			30 7	37
	Monument 2020 Slash	Photopoints	11			11	11
Total							

Fire effects data from all of these projects is analyzed and findings are summarized in written reports for each. In addition, the results are presented at Zone and Park level meetings in the spring, so that fire managers can review outcomes and objectives, ask questions, and consider adjusting improve future treatments.

The Fire Ecology Staff assisted with several prescribed burns in the spring and pile burning in the fall. They also travelled to Yosemite and Saguaro National Parks to collect monitoring data on unplanned fires. Diane Abendroth did a 90-day detail as the NPS Midwest Region Fire Ecologist between May and September and served on two fire assignments as LTAN and FOBS. Ron Steffens also did a detail for Saguaro NP and the Coronado National Forest, was IC for the Wyoming Type II Team on the Shale Fire, and did a virtual LTAN assignment with the Northern Rockies Decision Support Center.

Figure 1. shows the breakdown of interagency duties that the Fire Effects Crew was involved in during the summer field season. There is a great deal of annual variability, and this year there were more projects on the Forest than on the park. Prescribed fire was unusually low with only one burn taking place. Fire suppression now includes monitoring (formerly “Fire Use”) and decision support as well as true firefighting.

Figure 1. Fire Effects Monitoring Projects for the Teton Interagency Fire Ecology Program

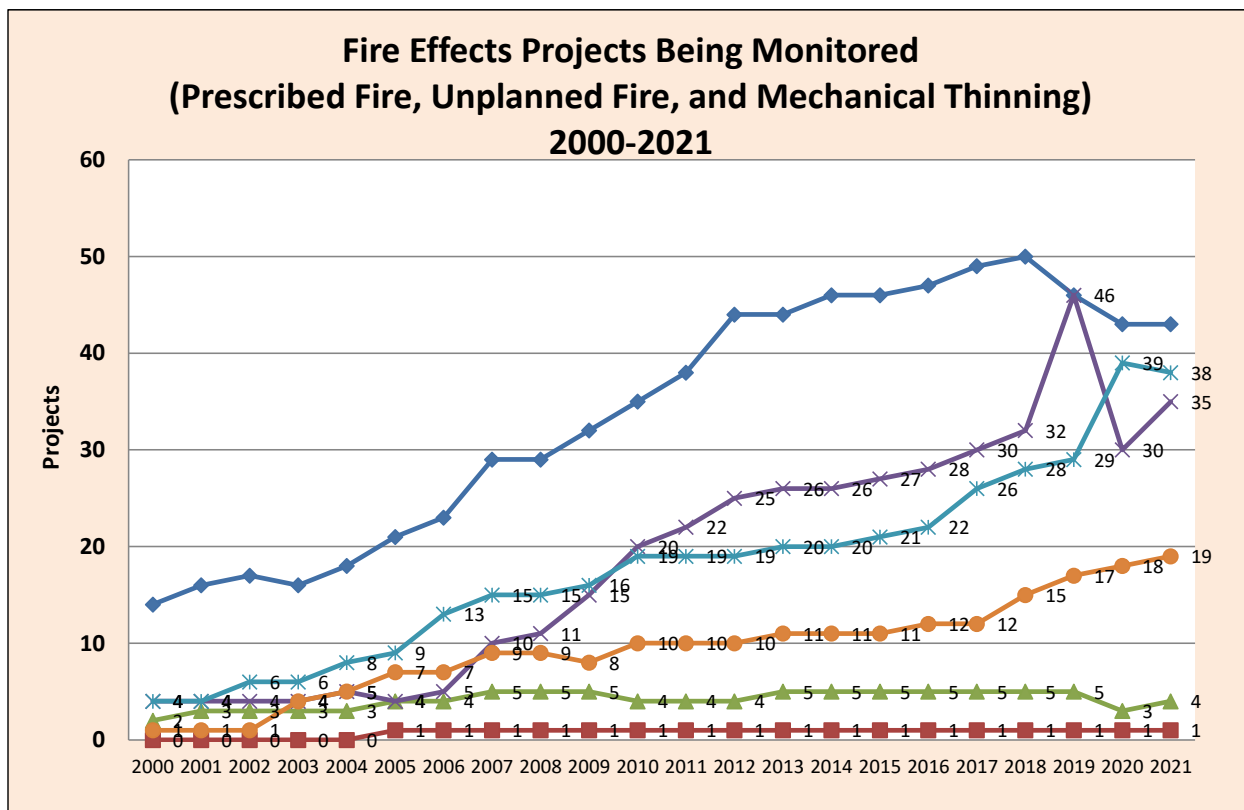
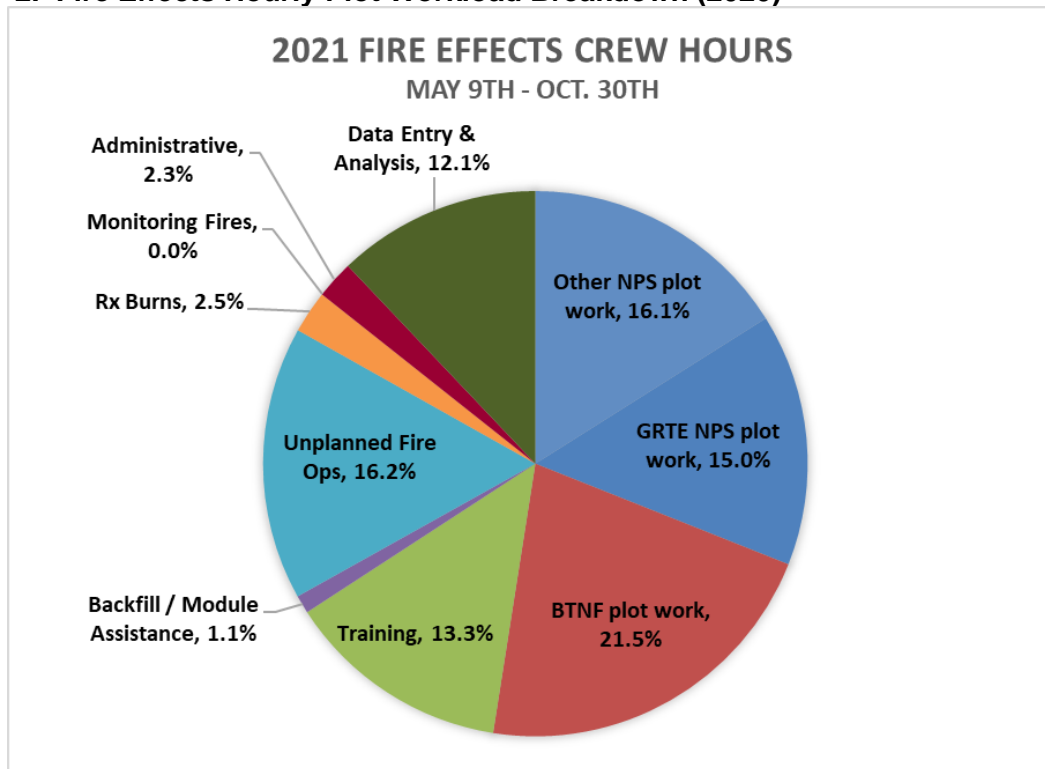


Figure 2. Fire Effects Hourly Plot Workload Breakdown (2020)



Fire Effects Crew collecting field data collection in a prescribed burn on the Pinedale Front where the forest is spraying to reduce cheatgrass invasion.

Teton Interagency Dispatch Center

Teton Interagency Dispatch Center (TIDC) provides dispatch support to multiple all-risk functional areas, including fire, aviation, prescribed fire, law enforcement, search-and-rescue, and medical emergencies. TIDC was staffed 24 hours per day from June through September. Following is an overview of the 2020 incidents supported by TIDC:

<p>Fire:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Wildland Fires: <ul style="list-style-type: none"> 36 BTNF 3 County 6 GTNP 1 NER <input type="checkbox"/> Acres Burned: <ul style="list-style-type: none"> 292.59 acres BTNF 0.70 acres GTNP 0.01 acres NER 6.45 acres County <input type="checkbox"/> Prescribed Fires: <ul style="list-style-type: none"> 10 BTNF 0 County 2 GTNP 2 NER <input type="checkbox"/> Acres Prescribed Fire: <ul style="list-style-type: none"> 3324.75 acres BTNF 18.10 acres GTNP 149.00 acres NER <input type="checkbox"/> Initial Attack Dispatch Support: <ul style="list-style-type: none"> TIDC did not bring in support this season <input type="checkbox"/> Expanded Dispatch: <ul style="list-style-type: none"> TIDC Expanded dispatch did not open this season <p>Aviation:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supported 2 exclusive-use helicopters, 1 call when needed helicopter and 1 Surge helicopter: <ul style="list-style-type: none"> 56.1 SAR flight hours <input type="checkbox"/> Flight Following Operations non fire related: <ul style="list-style-type: none"> 18 flights 55 hours 23 minutes <p>General:</p> <ul style="list-style-type: none"> <input type="checkbox"/> TIDC staff: <ul style="list-style-type: none"> 8 Permanent positions (Dual function: All- Risk & Fire) 1 Fire and 4 All-Risk Seasonal positions 	<p>CASE INCIDENTS for 2021:</p> <p>Medical Emergencies:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Dispatch 3 ambulances for GTNP: <ul style="list-style-type: none"> 359 Emergency Medical Service responses <p>Search-and-Rescue:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supported numerous SAR personnel during mountain, lake, and river rescues: <ul style="list-style-type: none"> 82 SAR responses in FY 2021 46 Major SAR responses in FY 2021 <input type="checkbox"/> Coordinated with 5 counties: <ul style="list-style-type: none"> Teton, Lincoln, Fremont, Sublette, & Park Co. <p>Law Enforcement:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supported 35 LE personnel for GTNP and 3 for BTNF <ul style="list-style-type: none"> 31 Arrests 117 Mandatory Court Appearances 3 Optional Court Appearances <input type="checkbox"/> Support Outside Agencies on Request: <ul style="list-style-type: none"> Teton County Sheriff's Office Sublette County Sheriff's Office Lincoln County Sheriff's Office Fremont County Sheriff's Office Jackson Police Department Wyoming Highway Patrol Wyoming Game & Fish National Elk Refuge
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